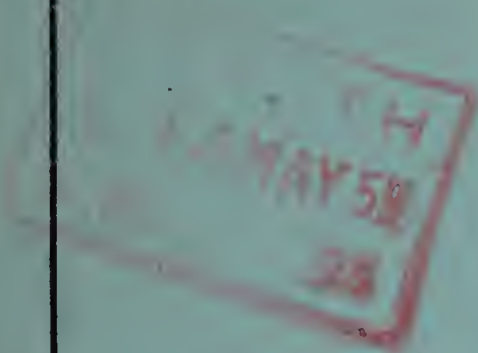


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1958

Tyne Port Health Authority



ANNUAL REPORT

OF THE

Medical Officer
of Health

1958

Tyne Port Health Authority

**ANNUAL
REPORT**

OF THE

**Medical Officer
of Health**

SOUTH SHIELDS
R. SIMPSON & SONS, CHAPTER ROW.

1959,

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Tyne Port Health Authority

CONSTITUTED BY LOCAL GOVERNMENT BOARD'S ORDER,
DATED 29TH MARCH, 1897.

ELECTED BY THE CORPORATION OF NEWCASTLE :

COUNCILLOR A. GRAY.
COUNCILLOR J. McCAMBRIDGE, J.P.
COUNCILLOR D. A. R. MILLIGAN.
COUNCILLOR G. ROBSON, J.P.
COUNCILLOR C. C. SCOTT.
COUNCILLOR J. M. SCOTT-BATEY.
COUNCILLOR M. SHAW (Chairman).
ALDERMAN E. B. TEMPLE.

ELECTED BY THE CORPORATION OF GATESHEAD :

ALDERMAN P. S. HANCOCK, O.B.E. (Vice-Chairman).
ALDERMAN J. A. HUTCHINSON.
ALDERMAN B. N. YOUNG.

ELECTED BY THE CORPORATION OF SOUTH SHIELDS :

COUNCILLOR G. GIBSON.
COUNCILLOR E. W. MACKLEY, J.P.
ALDERMAN E. SUTTON, J.P.

ELECTED BY THE CORPORATION OF TYNEMOUTH :

COUNCILLOR W. LITTLE.
COUNCILLOR A. SOUTHWORTH.

ELECTED BY THE CORPORATION OF WALLSEND :

ALDERMAN P. J. McARDLE, J.P.
ALDERMAN C. L. PALMER, J.P.

ELECTED BY THE CORPORATION OF JARROW :

ALDERMAN A. MORRISON.

ELECTED BY THE HEBBURN URBAN DISTRICT COUNCIL :

COUNCILLOR A. J. ILEY, J.P.

ELECTED BY THE FELLING URBAN DISTRICT COUNCIL :

COUNCILLOR T. P. S. PRUDHAM.

ELECTED BY THE BLAYDON URBAN DISTRICT COUNCIL .

COUNCILLOR J. T. STEPHENSON.

ELECTED BY THE NEWBURN URBAN DISTRICT COUNCIL .

COUNCILLOR C. A. WOODS.

ELECTED BY THE WHICKHAM URBAN DISTRICT COUNCIL :

COUNCILLOR R. W. DIXON.

The above Constitution is as existing on the 31st December, 1958.

SECTION I—STAFF

TABLE A

Name of Officer.	Nature of Appointment.	Date of Appointment.	Qualifications.	Any other Appointments held.
T. L. J. COXON	Medical Officer of Health	1st Jan., 1937	M.D., B.S., B.Hy., D.P.H.	Medical Inspector of Aliens.
J. EUSTACE	Deputy Medical Officer of Health	27th July, 1955	M.D., M.R.C.P., I.	Deputy Medical Inspector of Aliens.
J. ENGLISH	Clerk to the Authority.			
J. GOODBURN RAINE	Treasurer.			
N. PARK	Chief Port Health Inspector	12th Sept., 1926	Cert. R.S.I.	
R. O. BURN	Food Inspector, Deputy Chief Port Health Inspector	30th May, 1933	Cert R.S.I. Cert Meat and other foods.	
W. B. WEATHERSTON	Port Health Inspector	6th Feb., 1933	Cert R.S.I.	
† W. G. L. DICKS	Port Health Inspector	16th Jan., 1952	Cert Meat and other Foods. Cert R.S.I.	
H. BURN	Clerk	4th March, 1935.		
R. HUMPHREY	Rat Searcher	21st Dec., 1951		
L. HUMPHREY	Rat Searcher	28th Sept., 1953.		
* J. W. RAY	Launch Coxswain	15th May, 1922.		
R. S. BURN	Launch Coxswain	14th April, 1939.		
A. HAXELL	Launch Coxswain	28th Feb., 1957.		
D. N. WALLACE	Launch Hand	12th July, 1957.		
J. FOSTER	Launch Hand	28th April, 1958.		

* Retired 22/4/58.

† Resigned, 15/3/58.

OFFICES OF THE AUTHORITY.

Medical Officer of Health—Mill Dam, South Shields. Tel. South Shields 65.
 Chief Inspector—Mill Dam, South Shields. Tel. South Shields 65.
 Clerk to the Authority—145 Pilgrim Street, Newcastle upon Tyne 1. Tel. Newcastle 22796.

Tyne Port Health Authority

MILL DAM,
SOUTH SHIELDS.
March, 1959.

THE CHAIRMAN,
VICE-CHAIRMAN AND MEMBERS OF THE
TYNE PORT HEALTH AUTHORITY.

Ladies and Gentlemen,

In introducing to you my report on the health and prosperity of the Tyne Ports for the year 1958, I wish to draw your attention in the first place, to the "domestic" changes that have occurred during the period under review.

One very old and valued servant of the Authority, Mr. Robinson, died after a very brief period of retirement. Another, the senior coxswain, James Ray, retired after 37 years service on reaching the age of 65. Mr. Ray's retirement* is the more regretted that in addition to his long and faithful service, he was also a very efficient engineer, whose untiring care and attention to the mechanical efficiency of our launches saved the Authority much in the cost of repairs and loss of time.

One inspector left our service being dissatisfied with the financial return, and our effective inspectoral staff is (including the chief inspector) now reduced to 3, instead of a minimum of 5.

Replacements of inspectors has so far proved impossible in spite of the J.I.C. industrial award.

This shortage of inspectors is nation wide, and appears to be increasing in severity. Authorities capable of offering training facilities to students can to a certain extent offset the scarcity by availing themselves of the services of trainees. We, as a port cannot offer more than experience in Port Administration and Practice.

Should the shortage show no sign of improvement in the near future, I will be obliged to ask you to consider the establishment of an intermediate grade of sub-inspectors unqualified by the standards of the Royal Society of Helath, but possessing a competent knowledge of ships and shipping.

GENERAL CONDITION OF HEALTH AND TRADE.

The question of sewage pollution of the river has exercised the Authority very fuily throughout the year, and through their efforts combined with those of the Northumberland and Tyneside Rivers Board, a joint report was circulated to all riparian and county authorities, which stimulated them to initiate some action, at least to study the problem on a regional scale, and if possible suggest a remedy. Progress on these lines is slow, needing constant spurring and stimulation lest it settle back into inertia once again.

There is no possible doubt of the seriousness of the extent of the pollution in its menace to health, and total destruction of the natural amenities of the whole area of Tyneside.

Legislature to deal with certain aspects of air pollution came into force during the year which should enable shore authorities to effect much improvement in their areas in respect of smoke emission from houses and furnaces, and allows them considerable powers of control over future development and installations, though much latitude must be exercised in the case of existing undertakings.

Emission of smoke from mobile sources—vessels of all descriptions including tugs, ferries and ageing tonnage were brought within the scope of the Act, and separate regulations attempting to solve the widely differing problems presented by these were subsequently introduced. Unfortunately so many exceptions and modifications to allow of the normal working of shipping had to be allowed, that fulfilment of the provisions is virtually impossible.

So long as coal is used as fuel and so long as obsolescent engines are permitted to be used, smoke in considerable density must ensue.

Trade as evidenced by the shipping tonnage using the port, and the quantity of imports and exports dealt with during the year have followed the familiar pattern of the past years. A general reduction in the quantity of shipping, both foreign and coastwise, reduced imports, and apart from a few items, a reduction in exports. Most unfortunately, the importation of iron ore, which was such an encouraging feature of the past two years, suffered, along with the recent recession in the steel industry, and dropped by some half million tons. Coal and coke were also reduced by nearly 1,000,000 tons.

More satisfactory is the record of the health conditions observed during the year. No cases of major infectious disease were reported or observed, though the usual numbers of smallpox alarms caused some anxiety.

Defects in crews' accommodation, chiefly of a minor character, were promptly dealt with on receipt of verbal notices, and, in but a few instances, was it necessary to resort to written notices, or seek the co-operation of the owners in order to remedy defects reported. Defects of a more serious nature are becoming much more rare than in previous years, and with the continuous replacement of old tonnage with vessels of modern type, and subscribing to modern standards, should become rarer still.

The considerate and helpful attitude of you, both as a committee and individually, has been much appreciated by my staff and myself, and has lightened considerably the stress of work under which our much depleted staff have striven.

I am,

Ladies and Gentlemen,

Your obedient servant,

T. L. J. COXON.

*Since this report was compiled, I have to report with great regret, the sudden demise of Mr. Ray, after only 10 month's retirement—T.L.J.C.

TYNE PORT HEALTH AUTHORITY

Report of the Medical Officer of Health for the Year ended
31st December, 1958.

SECTION II—AMOUNT OF SHIPPING ENTERING THE DISTRICT DURING THE YEAR 1958.

TABLE B.

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having, or having had during the voyage, infectious disease on board.
			by the Medical Officer of Health.	by the Sanitary Inspectors.	
Foreign Ports	1,500	2,570,021	538	1,436	3
Coastwise	4,053	4,489,741	31	3,364	7
Total	5,553	7,059,762	569	4,800	10

These totals do not include Fishing Vessels.

Total number of vessels visited by Inspectors :—

British Ships.

Steam	1,666	
Motor	1,642	
Sail .....	.....
Fishing	35	
	<hr/>	3,343

Foreign Ships.

Steam	383	
Motor	1,109	
Sail .....	.....
Fishing	26	
	<hr/>	1,518

Re-visits		536	
-----------------	--	-----	--

5,397

Total number of crews of vessels visited by Inspectors :—

British Ships.

British White	66,620	
British Coloured	7,341	
Alien White	766	
Alien Coloured	1,114	
	<hr/>	75,841

Foreign Ships.

British White	578		
British Coloured	90		
Alien White	46,361		
Alien Coloured	206		
	<hr/>	47,235	
		<hr/>	123,076
			<hr/>

British Fishing Vessels.

British White	422		
British Coloured .....	.....	
	<hr/>	422	

Foreign Fishing Vessels.

Alien White	619	619	
		<hr/>	1,041
			<hr/>

Total number of passengers of vessels visited by Inspectors :—

British Ships.

British	335		
Alien	51		
	<hr/>	386	

Foreign Ships.

British	37,954		
Alien	23,233		
	<hr/>	61,187	
		<hr/>	61,573
			<hr/>

Fishing Vessels.

British .....	.....	
Alien .....	.....	
	<hr/>	
			<hr/>

Tonnage of vessels visited by Inspectors :—

Steamers.

British	2,632,847		
Foreign	2,359,766		
	<hr/>	4,992,613	

Motors.

British	913,862		
Foreign	1,146,887		
	<hr/>	2,060,749	

Sailing Vessels.

British .....	.....
Foreign .....	.....
	<hr/>	<hr/> 7,053,362

Fishing Vessels.

British	3,988	
Foreign	4,979	
	<hr/>	<hr/> 8,967

The Nationalities of vessels inspected were as follows :—

British	3,308
Chinese	1
Costa Rican	3
Danish	97
Dutch	406
Finnish	41
French	9
German	254
Greek.....	7
Icelandic	1
Indian	1
Irish	3
Italian	3
Japanese	1
Jugo Slav	2
Lebonese	1
Liberian	19
Norwegian	419
Panamanian	16
Polish	2
Portuguese	2
Russian	9
South African	2
Spanish	2
Swedish	189
Swiss	1
Turkish	1
Total	<hr/> 4,800

The Nationalities of Fishing Vessels visited were as follows :—

British	35
Danish	3
Dutch	1
French	8
German	2
Polish	12
	<hr/>
	61
	<hr/>

The number of Re-visits made during the year were as follows :—

In connection with the issuing of De-ratting and De-ratting Exemption Certificates	394
In connection with health.....	91
In order to have defects remedied	51
	<hr/>
	536
	<hr/>

The number of vessels inspected during each year for the last 10 years has been as follows :—

1949	Vessels	5,601	
	Fishing Vessels	150	
	Re-visits	772	
		<hr/>	6,523
1950	Vessels	5,561	
	Fishing Vessels	88	
	Re-visits	767	
		<hr/>	6,416
1951	Vessels	5,281	
	Fishing Vessels	51	
	Re-visits	787	
		<hr/>	6,119
1952	Vessels	5,807	
	Fishing Vessels	80	
	Re-visits	957	
		<hr/>	6,844
1953	Vessels	5,410	
	Fishing Vessels	62	
	Re-visits	744	
		<hr/>	6,216
1954	Vessels	5,504	
	Fishing Vessels	290	
	Re-visits	929	
		<hr/>	6,723

1955	Vessels	5,474	
	Fishing Vessels	212	
	Re-visits	923	
		—————	6,609
1956	Vessels	5,376	
	Fishing Vessels	195	
	Re-visits	787	
		—————	6,358
1957	Vessels	5,582	
	Fishing Vessels	295	
	Re-visits	703	
		—————	6,580
1958	Vessels	4,800	
	Fishing Vessels	61	
	Re-visits	536	
		—————	5,397

SECTION III—CHARACTER OF SHIPPING AND TRADE DURING THE YEAR.

TABLE C.

PASSENGER TRAFFIC.

Number of passengers INWARDS	62,333
Number of passengers OUTWARDS	64,059

CARGO TRAFFIC.

Total tonnage entering the port during the past ten years has been as follows :—

1949.	Foreign	2,304,073	
	Coastwise	5,000,246	
			7,304,319
1950.	Foreign	2,297,988	
	Coastwise	5,379,139	
			7,677,127
1951.	Foreign	2,363,725	
	Coastwise	5,387,212	
			7,750,937
1952.	Foreign	2,577,003	
	Coastwise	5,532,957	
			8,109,960
1953.	Foreign	2,582,323	
	Coastwise	5,583,724	
			8,166,047
1954.	Foreign	2,874,561	
	Coastwise	5,279,988	
			8,154,549
1955.	Foreign	3,001,123	
	Coastwise	5,044,559	
			8,045,682
1956.	Foreign	3,002,844	
	Coastwise	4,981,238	
			7,984,082
1957.	Foreign	2,931,713	
	Coastwise	4,998,400	
			7,930,113
1958.	Foreign	2,570,021	
	Coastwise	4,489,741	
			7,059,762

Through the courtesy of the General Manager of the Tyne Improvement Commission, I am able to give the following report on the import and export trade of the Tyne Ports.

Principal Imports.

	<i>Tons.</i>
Iron Ore	794,344
Oil Fuel and other oils	489,148
Grain	309,193
Timber (excluding Pit Props)	154,866
Cement	141,863
Provisions	104,787
Pit Props	90,943
Iron and Steel Scrap	1,781

Principal Imports :—

	<i>Tons.</i>
Metals and Minerals (excluding Iron Ore)	59,989
Petroleum Spirit	70,496
Coal	70
Iron and Steel Manufactures	17,826
Fruit and Vegetables	58,700
Fertilizers	13,843
Fish	28,244
Beer	2,194
Other Goods	106,972
Total	2,445,259

Principal Exports :—

	<i>Tons.</i>
Sulphate of Ammonia.....	271,125
Oil Fuel Cargo	46,082
Tar and Pitch	23,609
Machinery	34,585
Iron and Steel Manufactures	39,022
Lime (Waste)	37,060
Firebricks and Fireclay Goods	10,517
Textiles	4,465
Grain and Feeding Stuffs	9,935
Paints	5,920
Metals (Non-Ferrous)	4,607
Petroleum Spirit	17
Rope and Twine	1,858
Other Goods	52,068
Total	540,870

Oil Fuel shipped as Bunkers	188,779
-----------------------------------	---------

Exports of Coal and Coke :—

Coal cargo.....	6,287,096
Coke cargo	309,109
	6,596,205
Coal bunkers	67,673
Total Cargo and Bunkers	6,663,878

Shipments to :—

	<i>Coastwise Ports. Tons.</i>	<i>Foreign Ports. Tons.</i>	<i>TOTAL Tons.</i>
Coal Cargo	5,841,431	445,665	6,287,096
Coke Cargo	816	308,293	309,109
Coal Bunkers	63,104	4,569	67,673
Totals	5,905,351	758,527	6,663,878

Principal Ports from which ships arrive.

Normal Tyne trading includes a large proportion of traders from Australian, Canadian, Norwegian, Swedish, Danish, Dutch, and German Baltic Ports, also a few arrivals from Poland, Russia and Finland.

Oil and petrol from various ports ; iron ore from West African ports, a few from Spain, and general cargoes from America make up the bulk of the rest of the total of general trade.

SECTION IV—INLAND BARGE TRAFFIC.

There are no canals in the area and no barges operating in the port.

SECTION V—WATER SUPPLY.

No change has occurred in sections 1, 2 and 3.

4. NUMBER AND SANITARY CONDITION OF WATER BOATS, AND POWERS OF CONTROL BY THE AUTHORITY.

There are five water boats available for the supply of fresh water to vessels at Tyne Ports. The following is a list of vessels and Owners :—

<i>Name of Water Boat.</i>	<i>Name of Owners.</i>
" Crystal Stream "	Messrs. R. G. Aitken & Co.
" Harcuss "	„ V. A. Curry.
" Shearwater "	„ „
" Britannia C "	„ A. Gibson.
" I'll Try "	„ S. Pascoe.

SECTION VI—PUBLIC HEALTH (SHIPS) REGULATIONS. 1952.

No change.

SECTION VII.—SMALLPOX.

(1) Name of Isolation Hospital to which smallpox cases are sent from the district.

The Regional Hospitals Area Board have designated Langley Park Isolation Hospital, Co. Durham.

(2) Arrangements for transport of such cases to that hospital by ambulance, giving the name of the Authority responsible for the ambulance and the vaccinal state of the ambulance crews.

The Authority possess no road ambulance of its own, and is dependent on the co-operation of shore authorities for ambulance facilities of all types.

(3) Name(s) of smallpox consultant(s) available.

The panel of Consultants available is in accordance with those of the Ministry's designated list for Northumberland and Durham.

(4) Facilities for laboratory diagnosis of smallpox.

Diagnostic specimens are forwarded to Virus Reference Laboratory, Colindale Avenue, London, N.W.9.

SECTION VIII.—VENEREAL DISEASES.

No change.

SECTION IX—CASES OF NOTIFIABLE AND OTHER INFECTIOUS DISEASES ON SHIPS.

TABLE D.

Category	Disease	Number of cases during the year		Number of ships concerned
		Pass-engers	Crew	
Cases landed from ships from foreign ports.	Chicken Pox		1	1
Cases which have occurred on ships from foreign ports but have been disposed of before arrival.	Chicken Pox		2	1
	Malaria		1	1
	Enteric Fever		1	1
	Suspected Enteric Fever		3	2
	Pneumonia		4	4
	Smallpox (modified)		1	1
	Tuberculosis		1	1
Cases landed from other ships		.....	.....	...

CHICKEN POX.

1958	Name of Vessel	From	On Voyage	On or after arrival	Remarks	Notes on arrival at Tyne
Mar. 25	m.s. "Avisbrook"	Bizerta and Middlesbrough	1	1	Landed at M'bro.	Treated at Tyne.
Nov. 3	m.s. "Greathope"	Archangel and Newport (Mon.)	1		Landed at Newport.	All well.
			2	1		

MALARIA.

June 18	m.s. "British Diplomat"	Karachi, Colombo, Aden, Port Said and Saltend.	1		Landed at Weymouth	All well.
			1			

ENTERIC FEVER.

April 12	s.s. "Good Hope Castle"	Beira, Mombasa, Aden, Port Said, Gibraltar, London and Hull	1		Landed at Mombasa.	All well.
			1			

SUSPECTED ENTERIC FEVER.

April 12	s.s. "Good Hope Castle"	as above.	2		Burried at Sea.	All well.
Sept. 20	m.s. "London Glory"	Bandar Mashur, Suez and Isle of Grain.	1			All well.
			3			

PNEUMONIA.

Jan. 17	m.s. "Irish Willow"	Leghorn, Tunis, Dakar, Duala and Takoradi.	1		Landed at Takoradi.	All well.
,, 31	s.s. "Ingleton"	Los Angeles, Colon, London, Immingham and Grangemouth.	1		Died after leaving ship.	All well.
May 1	m.s. "Baluchistan"	Mena al Ahmadi, Basrah and Suez.	1		Landed at Aden.	All well.
Nov. 14	m.s. "London Victory"	Mena al Ahmadi and Isle of Grain.	1		Landed at Gibraltar.	All well.
			4			

SMALL POX (MODIFIED).

1958	Name of Vessel	From	On Voyage	On or after arrival	Remarks	Notes on arrival at Tyne
May 1	m.s. "Baluchistan"	Mena al Ahmadi, Basrah and Suez.	1		Landed at Aden.	All well.
			1			

TUBERCULOSIS.

May 18	m.s. "Suffolk Coast".	Ghent	1	..	Landed at Aberdeen.	All well.
			1		

GENERAL SICKNESS ON BOARD VESSELS ARRIVING AT TYNE PORTS DURING THE YEAR, 1958.

The subjoined table gives a return of sickness * reported by Master's of vessels as having occurred during the voyage or coming under the notice of the Tyne Port Health Officials in each month of the year 1958.

1958	Chicken Pox	Malaria	Enteric Fever	Suspected Enteric Fever	Pneumonia	Modified Smallpox	Tuberculosis	Accidents	Abscesses, boils, etc.	Appendicitis	Asthma and bronchitis	Arthritis	Blood poisoning	Diseases of bladder	Diseases of chest	Diseases of ear	Diseases of genital organs	Diseases of heart	Diseases of intestines	Diseases of joints
January	...	...	...	...	†2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March	2	...	...	...	...	...	1	...	...	1	...	1	...	...	...	...	1	...	...	...
April	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	...	...	...	...	1	1	...	...	2	1	1	...	...	1	1	...	...	† 1	...	...
June	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	† 1	...	...
July	...	...	...	...	...	...	...	2	...	1	...	...	...	...	1	1	...	...	...	...
August	...	...	...	...	...	...	...	1	...	...	...	...	4	...	...	...	...	...	...	...
September	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
October	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	1
November	1	...	...	...	1	...	...	1	1	...	...	...	...	...	1	...	...	...	1	...
December	...	...	...	...	...	...	...	†1	...	...	...	...	...	...	...	...	...	...	...	...
TOTALS.....	3	1	1	3	† 4	1	1	† 7	4	4	1	1	4	1	3	1	1	†† 3	2	1

GENERAL SICKNESS ON BOARD VESSELS ARRIVING AT TYNE PORTS.—continued.

1958	Diseases of kidneys	Diseases of nervous system	Diseases of skin	Diseases of stomach	Diseases of throat	Febrile catarrh	Haemorrhoids	Hernia	Heatstroke	Influenza	Lumbago	Non-defined	Rheumatism	Scabies	Suicide	Veneral	TOTALS
January .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....	.....	.....	.....	.....	8
February .....	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	3
March .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	†1	.....	7
April .....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	10	15
May .....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	.....	12
June .....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	5
July .....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	12
August .....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7
September .....	.....	.....	.....	1	.....	.....	.....	.....	†1	.....	.....	.....	.....	.....	.....	.....	4
October	2	.....	1	2	.....	.....	.....	.....	.....	1	1	.....	2	.....	.....	.....	14
November	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	1	10
December .....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	4
TOTALS.....	3	1	1	8	2	1	1	1	†2	10	1	3	3	1	†1	15	101

*The names of the diseases during the voyage are given as reported by the Master of the vessel.

†Deaths.

VESSELS ARRIVING FROM INFECTED OR SUSPECTED PORTS.

Vessels arriving at Tyne from Infected Ports were boarded by
Medical Officer and Inspectors of the Tyne Port Health Authority
as under :—

Name of Port.		Direct to the Tyne.	To the Tyne Indirect.
Accra.....	*	.....	1
Aden .....	*	.....	23
Bombay .....	*	.....	4
Calcutta .....	†*	.....	8
Chalna .....	†*	.....	3
Chittagong .....	*	.....	2
Cochin .....	*	.....	1
Dakar .....	*	.....	10
Dar es Salaam .....	*	.....	1
Freetown .....	*	.....	4
Karachi .....	*	.....	3
Madras .....	*	.....	1
Mombasa .....	*	.....	4
Takoradi	*	1	.....
Tripoli .....	*	.....	1
Visathapatnam .....	*	.....	2
TOTAL		1	68

† Cholera. * Smallpox.

SECTION X.—OBSERVATIONS ON THE OCCURRENCE OF MALARIA IN SHIPS.

No cases of Malaria were reported during the year.

SECTION XI.—MEASURES TAKEN AGAINST SHIPS INFECTED WITH OR SUSPECTED FOR PLAGUE.

No ships were subjected to special measures in respect to suspicion of plague, with the exception that any vessel arriving from suspected ports were not granted full pratique until the crews had been examined by the Medical Officer.

SECTION XII.—MEASURES AGAINST RODENTS IN SHIPS FROM FOREIGN PORTS.

1. Ship board rats are becoming increasingly scarce, and the old rat infested ship is becoming a rarity. Should there be any report of unusual numbers of rats or unusual behaviour among them, steps are taken to examine the vessel carrying them.

All runways, traces, tracks and possible harbourage are noted, and an estimate of the number of rats is formed.

The degree of rat proofing is noted and the ship's cubic capacity is measured compartment by compartment.

On the result of this examination, carried out by two experienced officers and searchers, appropriate treatment is decided, whether by poisoning, trapping or fumigation.

Similar procedure is adopted on examination for the purpose of deratting or exemption certificates when however, it is insisted that the vessel be empty of all cargo.

2. All rats recovered are examined for type, presence of swollen glands and undue emaciation before destruction by incineration. Any abnormal rats are further examined, and if regarded as necessary, are subjected to bacterial examination.

3. The deratting of ships is carried out by private contract between the agents and fumigators on the approved list of the Port. This contains the names of eight firms operating in the area. All are cyanide fumigators, and up-to-date, no fumigation with chemicals other than cyanide have been requested.

Trapping, and a certain amount of pre-baiting is practised in certain circumstances where fumigation is unsuitable, and this is performed by a professional ratcatcher.

Messrs. Associated Fumigators Ltd.
 „ Scientex (Tyneside) Ltd.
 „ London Fumigation Co. Ltd.
 „ W. I. Martin.
 „ A. Milburn & Co.
 „ Fumigation Services Ltd.
 „ J. McGurk.
 „ James Cuthbertson & Co. Ltd.

4. Rat proofing is now a major consideration with Naval Architects in the construction of new tonnage, and in older vessels the substitution of expanded metal and sheathing for wooden conduits and casings is proceeding with successive surveys.

TABLE E.

Rodents destroyed during the year in ships from foreign ports.

<i>Category.</i>	<i>Number.</i>
Black rats	144
Brown rats	10
Species not known	Nil.
Sent for examination	Nil.
Infected with plague	Nil.

TABLE F.

Deratting Certificates and Deratting Exemption Certificates issued during the year for ships from foreign ports.

No. of DERATTING CERTIFICATES ISSUED.		Number of Deratting Exemption Certificates Issued.			Total Certificates Issued.
After fumigation with.		After trapping.	After poisoning*	Total.	
H.C.N. 1	Other fumigant (Methoyl Bromide). 2	3	4	5	7
9				9	430

*State poisons used and number of Certificates issued after each poison.

SECTION XIII—INSPECTION OF SHIPS FOR NUISANCES.

TABLE G.
INSPECTIONS AND NOTICES.

Nature and number of Inspections.	NOTICES SERVED.		Result of Serving Notices.
	Statutory Notices.	Other Notices.	
Original 4,800	NIL.	92	86 Complied with.
Revisits 536			
TOTAL 5,336	NIL.	92	86 Complied with.

(CLASSIFICATION OF NUISANCES).

Nationality of Vessels.	Number inspected during the year.	Defects of original construction.	Structional defects through wear and tear.	Dirt, vermin and other conditions prejudicial to health.
British.....	3,308	.....	26	75
Other Nations	1,492	.....	..	3

SANITARY DEFECTS.

THE TOTAL NUMBER OF VESSELS USING THE PORT DURING 1958
IS AS FOLLOWS :—

Steamers	2,353
Motor Vessels	3,200
Sailing Vessels .....	.....
TOTAL	5,553

THE NUMBER OF VESSELS ON WHICH DEFECTS WERE FOUND ARE
AS UNDER :—

British —Steam	37	
Motor	52	
		89
Foreign —Steam	1	
Motor	2	
		3
TOTAL		92

THE NUMBER OF VESSELS ON WHICH DEFECTS WERE REMEDIED
ARE AS UNDER :—

British —Steam	36	
Motor	47	
		83
Foreign —Steam	1	
Motor	2	
		3
TOTAL		86

DEFECTS OF VESSELS INCLUDE THE FOLLOWING :—

		<i>Defects. Remedied.</i>	
<i>Accommodation</i>	Dirty	14	10
	Neglected paintwork	23	25
	Verminous	40	32
<i>W.C's.</i>	Foul or choked	2	1
	Defective	4	4
	Defective flush	1	3
<i>Washrooms</i>	Defective shower	4	2
	„ basins	1	1
<i>Galley</i>	Verminous	6	4

		<i>Defects. Remedied.</i>	
<i>Pantries</i>	Dirty .....	.....	1
	Verminous	7	5
<i>Refrigerated Chambers</i>	Defective	1	.....
	Verminous	2	2
<i>Dampness due to</i>	Condensation	1	.....
	Leaking decks	1	1
	Water lodging on tank tops	1	1
<i>Defects of</i>	Ports, sky & decklights	2	3
	Floors	3	3
	Bunks	1	.....
	Wash up sinks	3	2
	Taps	2	.....
	Drainage	16	13
	Service pipes	6	2
	Rat proofing	1	1
<i>Water Supply</i>	Defective or uncleanly storage .....	.....	3
<i>Heating</i>	Defective	4	2
<i>Cooking arrangements</i>	Defective .....	.....	1
<i>Recommendations</i>	Hot press to messroom	1	1

SECTION XIV.—PUBLIC HEALTH (SHELL-FISH) REGULATIONS 1934 AND 1948.

There are no Shell Fish Beds within the jurisdiction of the Tyne Port Health Authority.

SECTION XV.—MEDICAL INSPECTION OF ALIENS.

TABLE SHOWING PASSENGER TRAFFIC
FROM 1949 TO 1958.

Year.	PASSENGERS. 1st, 2nd and 3rd Class		Transmigrants.	
	Inwards.	Outwards.	Inwards.	Outwards.
1949	33,598	31,371	....	....
1950	35,560	34,482	....	....
1951	35,974	35,669	....	....
1952	38,924	39,757	....	....
1953	45,970	46,944	....	....
1954	53,854	55,275	....	....
1955	59,048	60,478	....	....
1956	64,066	64,554	....	....
1957	65,052	66,079	....	....
1958	62,333	64,059	....	....

Annual return by the Medical Inspector of Aliens for the year
ended 31st December, 1958.

	TOTAL	Number In- spected by the Medical In- spector	Number sub- jected to detailed exami- nation by the Medical In- spector	CERTIFICATES ISSUED.					Trans- migrants
				Lunatic Idiot or M.D.	Undesir- able for medical reasons	Physi- cally incapa- citated	Suffering from acute infec- tious disease	Landing neces- sary for adequate medical exami- nation	
(a) Total number of Aliens land- ing at the Port	22,772	18,118	1,083	.....	.....	.....	.....	.....	.....
(b) Aliens refused permission to land by Immi- gration Officer	21	21	.....	.....	.....	.....	.....	.....	.....
(c) Transmigrants	227	.....	.....	.....	.....	.....	.....	.....	.....
Total Aliens arriv- ing at the Port	23,020	18,139	1,083	.....	.....	.....	.....	.....	.....

Total number of vessels carrying Alien passengers 411

Number of Vessels dealt with by the Medical Inspector 396

SECTION XVI.—MISCELLANEOUS.

FOOD INSPECTION.

PUBLIC HEALTH (IMPORTED FOOD) REGULATIONS,
1937-1948.

TYNE COMMISSION QUAY, NORTH SHIELDS.

Foodstuffs imported from :—

NORWAY.

	Tons.	Cwts.		Tons.	Cwts.
Fish.....	20,217	5	Stockfish.....	3,099	3
Herring ..	2,181	7	Salt herring ..	.....	18
Frozen fish (animal)	78	5	Fish Oil ..	9	16
Whalemeat (animal)	172	14	Cheese ..	1,114	11
Eggs ..	512	12	Egg white ..	1	16
Butter ..	2,201	19	Margarine ..	477	11
Poultry ..	9	4	Morfat ..	10	8
Canned milk ..	1	10	Canned chicken ..	275	19
Canned fish ..	1,746	5	Provisions ..	38	5
Fat ..	9	9	Livers and kidneys	71	14
Casings ..	54	9	Beer ..	10	11
Crispbread ..	55	6	Apples ..	1	19
Bilberries ..	49	14	Blackcurrants ..	1	10
Grape fruit..	5	16	Melons.....	16	16
Oranges ..	37	2	Strawberries ..	1	.....
Frozen peas ..	26	14			

SUTHERLAND QUAY.

	Tons.	Cwts.
Dried fruits ..	36	.....

TYNE AND TEES WHARF, GATESHEAD.
BELFAST.

	Tons.	Cwts.
Canned meat ..	3	2

LIVERPOOL.

	Tons.	Cwts.		Tons.	Cwts.
Sugar ..	22	..	Dates ..	26	.....
Canned soups ..	2	10	Canned meat ..	.....	10
Biscuit mixture ..	3	.....		

LONDON.

	Tons.	Cwts.		Tons.	Cwts.
Tea ..	90	.....	Canned meat ..	2	1
Sugar ..	4	1	Provisions ..	1	15
Wine ..	..	15	Dates.....	2	12
Syrup ..	24	15			

BELGIUM.

	Tons.	Cwts.		Tons.	Cwts.
Potatoes ..	7,309	.....	Canned fruit ..	2	.....
Tea ..	9	.....	Lard ..	36	.....
Carrots ..	1	.....	Wines ..	18	.....
Fruit juice ..	8	.....	Biscuits ..	2	.....
Canned meat ..	.....	5	Pears ..	3	.....

FRANCE.

	Tons.	Cwts.		Tons.	Cwts.
Brandy	97		Canned Meat	2	.....

GERMANY.

	Tons.	Cwts.		Tons.	Cwts.
Canned meat	241	3	Epsom Salts	300	.....
Onions	5	.....	Potatoes	463	.....
Casings	1	.....	Beer.....	14	7
Dates	82	.....	Rice	8	.....
Canned fruit	1	15			

HOLLAND.

	Tons.	Cwts.		Tons.	Cwts.
Canned meat	1,986	15	Canned fruit	331	12
Dried fruit	1	7	Fish	24	6
Cheese	288	.....	Butter	383	17
Lard	219	15	Bacon	1,770	10
Frozen meat	2	15	Eggs	58	14
Condensed milk.....	8	3	Beer and wines	478	13
Cornflour	12	.....	Rice	468	2
Farina	67	9	Barley	14	.....
Cocoa butter	34	19	Biscuits and rusks.....	278	10
Tea	2	11	Confectionery.....	41	17
Egg white	1	1	Vegetable oil	93	7
Spices .....	.....	8	Coffee .....	.....	5
Offal	50	15	Apples	416	18
Grapes	21	17	Pears	205	9
Tomatoes	855	2	Fruit pulp	22	14
Gooseberries	6	19	Melons.....	7	14
Bilberries	1	1	Peaches	3	.....
Vegetables in brine	144	5	Dried vegetables	9	19
Onions	2,476	6	Peas.....	418	10
Shallots	12	3	Carrots	44	11
Cabbage	91	14	Cauliflowers	371	4
Lettuce	268	2	Potatoes	1,877	18
Beetroot	83	12	Cucumbers	45	2
Radishes.....	1	8	Beans	1	13

BALTIC MILLS, GATESHEAD.

IMPORTED FROM :—			Tons.	Cwts.
Boston	Wheat	.....	6,495	.....
Hull .....	„	.....	1,014	.....
King's Lynn .....	„	.....	258	.....
London .....	„	.....	347	.....
Argentine .....	„	.....	7,724	.....
Australia .....	„	.....	11,920	.....
Belgium .....	„	.....	1,485	.....
Canada .....	„	.....	62,482	.....
France .....	„	.....	8,789	.....
Germany .....	„	.....	2,411	.....
Holland .....	„	.....	1,333	.....
U.S.A. ....	„	.....	9,114	.....
France	Maize	.....	519	.....
Holland .....	„	.....	1,962	.....
Hull .....	„	.....	695	.....
U.S.A.....	„	.....	5,817	.....
Hull	Barley	.....	169	.....

C.W.S. MILLS, DUNSTON.

IMPORTED FROM :—		Tons.	Cwts.
Boston	Wheat	672	.....
Hull	„	446	.....
King's Lynn	„	5,059	.....
Australia	„	2,462	.....
Argentina	„	9,989	.....
Canada	„	25,781	.....
Belgium	„	378	.....
France	„	2,604	.....
Germany	„	1,300	.....
Holland	„	1,619	.....
Italy	„	876	.....
Russia.....	„	4,221	.....
U.S.A.....	„	4,410	.....
Belgium	Maize	363	.....
Holland	„	1,145	.....

ADVICE AS TO SICKNESS.

Masters and responsible officers on board vessels, where cases of sickness have occurred, are advised of the appropriate measures to be taken.

Advice, where necessary is transmitted to other ports for their information.

**PLAGUE, CHOLERA, YELLOW FEVER AND SMALLPOX.
ETC.**

No cases of plague, cholera, yellow fever, smallpox, typhus or relapsing fever occurred in the Port during the year 1958.

LAUNCHES.

Both launches are still in commission.

CO-OPERATION WITH EXTERNAL AUTHORITIES.

The intradependance of our Authority with H.M. Customs and Excise and H.M. Immigration Service has frequently been mentioned in our reports, and I am happy to say that the cordial relations, which are so essential, have been fully maintained during the year.

So also is our association with the officers of the Ministry of Transport, and the members of the Pilotage Board.

The Tyne Improvement Commission have, as usual, left us indebted for much help in the period under review, and I again offer my warmest thanks to the General Manager, the Secretary and their staff, and through them to the members of the Authority itself.

T. L. J. COXON, M.D., B.S., B.HY., D.P.H.

*Mill Dam,
South Shields.
March, 1959,*

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